



2121
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IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Applicant: **Shuo-Yen Robert Li**

Case: **23**

Serial No. **09/882,112**

Filed: **June 15, 2001**

Group Art Unit: **2121**

Examiner:

**Title of Invention: MULTISTAGE INTERCONNECTION NETWORKS OF
MULTICAST CONCENTRATORS WITH SELF-ROUTING
CONTROL MECHANISM**

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Technology Center 2100

**THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, D.C. 20231**

SIR:

Enclosed is a Second Preliminary Amendment in the above-identified application.

No additional fee is required based on the calculation below for a **small entity**:

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	CLAIMS PREVIOUSLY PAID FOR	EXTRA	RATE	ADDITIONAL FEE
Total Claims	14	20	0	\$ 9.00	\$ 0.00
Indep. Claims	5	5	0	\$42.00	\$ 0.00

Multiple Claims First Presented with this Amendment = 0	\$0
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Total: \$ 0.00

Also enclosed herewith for filing in connection with the enclosed application are:

XX Return Postcard

Respectfully submitted,

John T. Peoples (Reg. No. 28,250)
14 Blue Jay Ct.
Warren, NJ 07059
(908) 580-9816

Date: 5-13-02

(908) 580-9816

Certificate of Mailing Under 37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited by me on
5-13-02 with the United States Postal Service with sufficient
postage as first-class mail in an envelope properly addressed to Box Non-Fee Amendment,
Assistant Commissioner for Patents, Washington, DC 20231.

5-13-02
Date of Certificate

John T. Peoples
John T. Peoples



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SIR:

SECOND PRELIMINARY AMENDMENT

Technology Center 2100

Enclosed is a second Preliminary Amendment in the above-identified application. Please amend the application as follows.

In the Specification:

Page 175, replace line 9 as follows: --from the tag, by a simple dedicated 1x1 switching circuitry which is appended to every--.

Page 177, replace line 13 as follows: --10 ('0-bound') < 00 ('idle') < 11 ('1-bound')--.

Page 179, replace line 18 as follows: --of a bit-permuting network. The routing tag for the particular $2^n \times 2^n$ networks studied in the prior--.

Page 180, replace line 1 as follows: --art is the destination address $d_1 d_2 \dots d_n$ of a packet plus possibly an activity bit up front. By--.